Data Taking

Calibration with PW5 Muons

Neutrino Interaction Triggers

- Trigger Rate
- Data Acquisition
- On-line Analysis

Data Analysis

Alignment and Calibration

- Emulsion
- Fiber Tracker
- Trigger Counters
- Drift Chambers
- Muon ID
- EM Calorimeter
- Magnetic Field

Emulsion Processing

Event Location (Spectrometer)

- Raw Data Processing
- Pass 1 Stripping
- Visual Scan Selection
- Track Finding
- Vertex Prediction
- Refitting

Event Location (Emulsion)

- Introduction
- Scanning Hardware
- Scanning Methods
  - **CS Scan**
  - **Net Scan**

Event Analysis

- Event Distributions
- Determination of Event Parameters
- Event type liklihood analysis

Monte Carlo Analysis

Neutrino Event Generator

- Deep Inelastic (Lepto 6.1)
- Quasi-elastic

Generated Distributions

- Neutrino Types
- Energy Spectra
- Tau Lepton Distributions

Hybrid Emulsion Spectrometer Simulation (Geant)

- Descriptions

Distributions (Comparison to Data)

Physics Results

Composition of the Prompt Neutrino Beam

Nu Tau Interactions in Bulk Emulsion

Measured Event Rates
Measured Event Distributions
Acceptance Corrections
Comparison to Predictions

Nu Tau Interactions in ECC Targets

Measured Event Rates
Measured Event Distributions
Acceptance Corrections
Comparison to Predictions

Neutrino Production of Charm in Emulsion Targets

Measured Event Rates
Measured Event Distributions
Acceptance Corrections
Comparison to Predictions

Determination of $\sigma_{charm}(x_f, p_t)$ from the observed neutrino energy spectrum

Measured Energy Spectrum

Measurement of the ν_τ magnetic moment